

ABSTRACT OF THE DISCLOSURE

An electric steering control device is provided which is capable of enabling the driver to perform steering manipulation stably without being substantially affected by the ambient temperature and the heat generation of the control device. The control device comprises a temperature sensor for detecting the temperature of a circuit board mounting a motor drive circuit thereon and a compensation section for compensating an electric current command value based on the board temperature detected by the temperature sensor, so that an electric motor for exerting an assist force on a vehicle steering mechanism is driven by the compensated electric current command value output from a motor drive circuit. Therefore, the steering operation can be done stably without being substantially affected by the ambient temperature and the heat generation of the control device. In particular, since the temperature sensor is arranged not on the motor drive circuit per se but on a circuit board mounting the motor drive circuit thereon, the freedom can be heightened in arranging the temperature sensor. Further, since the temperature sensor for heat control of a spiral cable provided on the electric motor is utilized also for compensation of the electric current command value, the components for the control device can be reduced in number.